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PATENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Wolfgang Piepersberg, *et al.*

Application No.: To Be Assigned

Group No.: To Be Assigned

Filed: February 17, 2000

Examiner: To Be Assigned

For: Process For The Enzymatic Production Of Guanosine Diphosphate-6-Deoxyhexoses And Their Use For The Production Of Oligosaccharides

Assistant Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Please enter the following amendments prior to examination of the above-referenced application:

IN THE CLAIMS:

Please cancel claims 1 to 13 in the translated application filed herewith.

Please add the following new claims:

14. A process for the production of a guanosine diphosphate(GDP)-6-deoxyhexose comprising:

- a. incubating a starting substance selected from the group consisting of GDP-D-mannose, precursors and secondary products thereof with an enzyme having activity selected from the group consisting of phosphomannomutase (manB), GDP-D-mannose synthase (manC), GDP-D-mannose-4,6-dehydratase (gmd, rfbD), GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase (wcaG)